PTO/SB/05 (03-01)
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## UTILITY PATENT APPLICATION **TRANSMITTAL**

Attori	ney Docket No.	MR957-1357	P.T.
First Inventor		HSIEH-MIN TU	w.
Title	AN IMPROVE	NG TOOP	

Only for new nonprovisional applications under 37 CFR 1.53(b) Express Iviali Label IVO.								
APPLICATION ELEMENTS			ADDRESS TO: Assistant Commissioner for Patents Box Patent Application					
See MPEP chapter 600 concerning utility patent application contents.			Washington, DC 20231					
	om (e.g., PTO/SB/17) duplicate for fee processing)	7.	CD-ROM or CD-R in		e table or			
1  Submit an original and a	small entity status.	O NI	Computer Program (/					
2. See 37 CFR 1.27	•		cleotide and/or Amino Ac applicable, all necessary)		Submission			
3. Specification (preferred arrangement)	[Total Pages 10 ]	a. [	Computer Readable					
- Descriptive title		b.	Specification Sequence L	isting on:				
	e to Related Applications arding Fed sponsored R & D		i. CD-ROM or	CD-R (2 copie	s); or			
- Reference to se	equence listing, a table,		ii. paper					
	program listing appendix							
<ul> <li>Background of</li> <li>Brief Summary</li> </ul>								
	on of the Drawings (if filed)	<u> </u>	ACCOMPANYING A	APPLICATION	ON PARTS			
<ul> <li>Detailed Descr</li> <li>Claim(s)</li> </ul>	iption	9. [						
- Abstract of the	Disclosure	10.[	10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney					
4.			11. English Translation Document (if applicable)					
5. Oath or Declaration [ Total Pages 1 ]			12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS					
a. Newly exec	uted (original or copy)	13. [	1 <u> </u>					
	a prior application (37 CFR 1.63 (d)) ation/divisional with Box 18 completed)	14. [	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
	TION OF INVENTOR(S)	15.	Certified Copy of Pi (if foreign priority is		nt(s)			
	atement attached deleting inventor(s) the prior application, see 37 CFR	1	Nonnublication Paguest under 35 H S C 122					
	and 1.33(b).	16. [	(b)(2)(B)(i). Applicant must attach form PTO/SB/35					
	0 0 07.050 4.70		or its equivalent.					
	Sheet. See 37 CFR 1.76	17.	17 Other:					
18. If a CONTINUING APPL or in an Application Data Sh	ICATION, check appropriate box, and su	oply the req	uisite information below a	ınd in a prelimi	nary amendment,			
Continuation	Divisional Continuation-in-part (CIP)	1	of prior application No :	,				
			of prior application No.:/					
Prior application information: Examiner: Group Art Unit: Group Art Unit:								
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.								
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
19. CORRESPONDENCE ADDRESS								
Customer Number or Bar C	Code Label		or $\square$	Correspondence a	ddress below			
	ا الله الله الله الله الله الله الله ال							
Name	Morton J. Rosenberg 04	586	<b>3</b>					
	Rosenberg, Klein & Lee							
Address	3458 Ellicott Center Drive - Suite 101							
City	Ellicott City	State	MD	Zip Code	21043			
Country	USA Te	elephone	410-465-6678	Fax	410-461-3067			
Name (Print/Type)	Morton J. Rosenberg	Rec	istration No. (Attorney	/Agent)	26,049			
	101-11	1	T	10	112/22			
Signature	(Warland)	101/		Date	110/03]			

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FEE TRANSMITTA		Complete if Kn wn						7
FEE IKANSMILIA	<b>L</b>	Application Number			TC	I		
for FY 2003	Filing Date				.95	ŧ		
		First 1	Named	Invent	or HSIEH-	MIN TU	, S	Ī
Effective 01/01/2003. Patent fees are subject to annual revision.		Exam	iner Na	me		·	200	1
✓ Applicant claims small entity status. See 37 CFR 1.27		Art Ur	nit	<del></del>			1001	1
TOTAL AMOUNT OF PAYMENT (\$) 375.00		Attorney Docket No.		MR957	-1357	- 6	J	
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					7		
✓ Check	3. ADDITIONAL FEES						1	
	Large Entity   Small Entity							ı
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Account   18-2011	1051	e (\$) : I 130	Code ( 2051		Surcharne - late	e filing fee or oath	Fee Paid	ı
Number Deposit	1052		2052		-	provisional filing fee or		ı
Account Name				С	over sheet	•		١
The Director is authorized to: (check all that apply)	1053		1053	_	Non-English spe			ı
Charge fee(s) indicated below Credit any overpayments		2 2,520	1812 2	•		est for <i>ex parte</i> reexaminatio	"	ı
✓ Charge any additional fee(s) during the pendency of this application	1804	4 920*	1804		Examiner action	lication of SIR prior to	<b>-</b>	ŀ
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	5 1,840*	1805 1		Requesting pub Examiner action	olication of SIR after n		ı
FEE CALCULATION	1251	1 110	2251	55 I	Extension for re	eply within first month		
1. BASIC FILING FEE	1252	2 410	2252	205	Extension for re	eply within second month	<u> </u>	ı
Large Entity Small Entity	1253	3 930	2253	465 I	Extension for re	eply within third month		ıÌ
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	4 1,450	2254	725	Extension for re	eply within fourth month	<u> </u>	ı
1001 750 2001 275 Utility filing foo	1255	5 1,970	2255	985	Extension for re	eply within fifth month	<b> </b>	ı
1002 330 2002 165 Design filing fee \$ 375.00	140	1 320	2401	160 (	Notice of Appe	al		
1003 520 2003 260 Plant filing fee	1402	2 320	2402	160	Filing a brief in	support of an appeal		
1004 750 2004 375 Reissue filing fee	1403	3 280	2403	140 F	Request for ora	al hearing		ı
1005 160 2005 80 Provisional filing fee	145 <sup>-</sup>	1 1,510	1451	1,510 F	Petition to instit	tute a public use proceeding		ı
SUBTOTAL (1) (\$) 375.00	1452	2 110	2452	55 F	Petition to reviv	ve - unavoidable		
	1453	3 1,300	2453	650	Petition to reviv	ve - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	150°	1 1,300	2501	650	Utility issue fee	e (or reissue)		
Extra Claims below Fee Paid	1502	2 470	2502	235	Design issue fe	ee		
Total Claims   3   -20** = 0   X   9   = 0	1503	3 630	2503	315	Plant issue fee	•		
Claims	1460	130	1460	130	Petitions to the	Commissioner		ı
Multiple Dependent 140 =0	180	7 50	1807	50	Processing fee	under 37 CFR 1.17(q)		ı
Large Entity   Small Entity Fee Fee   Fee Fee Fee Description	1806	6 180	1806			Information Disclosure Stmt		ı
Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	802	1 40	8021	40	Recording each	n patent assignment per		ı
1202 18 2202 9 Claims in excess of 20	1809	9 750	2809	•		number of properties) sion after final rejection		
1201 84 2201 42 Independent claims in excess of 3					(37 CFR 1.129		<b> </b>	
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810		For each additi examined (37 (	ional invention to be CFR 1.129(b))		
1204 84 2204 42 ** Reissue independent claims over original patent	180	1 750	2801		-	continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	180	2 900	1802		Request for ea	xpedited examination plication		
SUBTOTAL (2) (\$) 0.00	Othe	er fee (sp	ecify)				لـــــــــــــــــــــــــــــــــــــ	IJ
**or number previously paid, if greater; For Reissues, see above	*Re	duced by	Basic F	iling Fe	e Paid 🧃	SUBTOTAL (3) (\$) 0.0	0	
SUBMITTED BY					(Complete (if applicable)		F	
Name (Print/Type) Morton J. Rosenberg		Registra	tion No.	26,0	149	Telephone 410-465-667	8	٦

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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